

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau(43) International Publication Date
13 May 2004 (13.05.2004)

PCT

(10) International Publication Number
WO 2004/039424 A1(51) International Patent Classification⁷: A61L 29/14, A61M 27/00(21) International Application Number:
PCT/NL2003/000761(22) International Filing Date:
3 November 2003 (03.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02079560.5 1 November 2002 (01.11.2002) EP(71) Applicant (for all designated States except US): POLY-
GANICS B.V. [NL/NL]; L.J. Zielstraweg 1, NL-9713 GX
Groningen (NL).

(72) Inventors; and

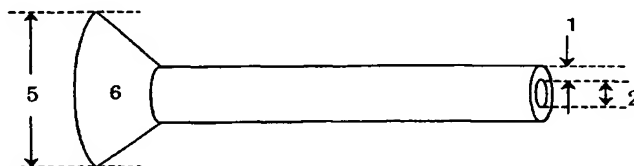
(75) Inventors/Applicants (for US only): HISSINK, Catha-
rina, Everdina [NL/NL]; Damsterdiep 193, NL-9713 EC
Groningen (NL). STEENDAM, Rob [NL/NL]; Snip 67,
NL-9728 XR Groningen (NL). GIBCUS, Linda, Joan
[NL/NL]; Winschoterdiep 151, NL-9724 GR Groningen
(NL). ZUIDEMA, Johan [NL/NL]; Planetenlaan 497,
NL-9742 HS Groningen (NL).(74) Agent: PRINS, A., W.; Nieuwe Parklaan 97, NL-2587
BN Den Haag (NL).(81) Designated States (national): AE, AG, AL, AM, AT (util-
ity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,
CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (util-
ity model), DE, DK (utility model), DK, DM, DZ, EC, EE
(utility model), EE, EG, ES, FI (utility model), FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.(84) Designated States (regional): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: BIODEGRADABLE DRAINS FOR MEDICAL APPLICATIONS



(57) Abstract: The invention relates, generally, to medical appliances. More particularly, it relates to tubular shaped devices used as drains for draining fluids (liquids and/or gases) from antrums or other parts of the human or animal body. According to the present invention a drain is provided, which is suitable for draining a human or animal antrum, which drain comprises a synthetic biodegradable material, preferably a biodegradable polymer.